



4G Ethernet Modem IDG400-0TEOC

Wireless WAN at Instant

Compact and easy to be integrated into most of M2M or IoT use cases. High speed device supports LTE Cat4 and with one port Gigabit Ethernet LAN. Expanding LTE based WAN connection for various IP networks at instant, including enterprise, industry, surveillance .

Zero Configuration

Plug and play modem allows instant connectivity for wide range of devices right out of the box. Carrier auto detection and auto APN allow zero configuration connection. Toolkit enables data usage statistics and connection budget control. Backward compatible to past cellular network, it can automatic down grade to operate according to infrastructure deployment.

Flexible Integration

The build-in NAT and Modem modes allow the integrators to choose according to the application scenarios. The NAT mode brings a higher security level. The Modem mode will behave more transparent between local device and mobile operator.

Dedicated to Customer Applications

Essential flexibility is offered to support unique use cases. Built-in Qualcomm based LTE module and based on open Linux platform, it is highly programmable for customized applications. Compact device features rugged aluminum enclosure and can operate in temperature range from -30°C to +60°C. USB powered, low weight and detachable antennas. It's easy to deploy anywhere and integrate into end host devices.

Block Diagram:



IDG400-0TEOC

1*LTE (1*SIM)

1*Gigabit
RJ45 LAN

1* USB 5V

-0TEOC: LTE Cat4

Application:

- Business: Signage, Vending, Kiosk, ATM, POS,
- IT: L3 Switch, NAS, KVM/AV Switch, WALN controller , Terminal server
- Industry: HMI, HVAC,IPC, Elevator, Machine Tools
- Security: IP-CAM, NVR/DVR, Access Control

Connection Diagram:



Specification Summary

Device Interface

- **LTE Module:** 1*LTE-Cat.4, 3GPP Release 11, 1*micro SIM slot
- **Ethernet:** 1*RJ45 Gigabit Ethernet
- **Power Input:** Micro USB DC 5V
- **Antenna Con.:** 2*SMA (F)-LTE

WAN & Uplink

- **WAN:** Cellular & Config
- **Cellular:** 3GPP, 2G/3G/LTE, IP Pass-through, IPv4/6
- **Network Monitor:** ICMP/DNS Query

Protocol

- **LAN & VLAN:** DHCP Server
- **IPv6:** Cellular IPv6

Security

- **Firewall:** SPI Firewall with Stealth Mode

Administration

- **Configuration:** Web UI, CLI
- **System:** Upgrade, Reboot & Reset

Service

- **Cellular Toolkit:** SMS

Environment

- **Operation Temperature:** -22°F-140°F (-30°C-60°C)
- **Storage Temperature:** -40°F-185°F (-40°C-85°C)
- **Humidity:** 10%~95% (non-condensing)
- **Enclosure:** Metal
- **Dimension:** 78(W)x71(D)x26(H)mm

Certification & Carrier Approval

- FCC
- PTCRB
- AT&T
- Verizon

Package Accessory

- 1*IDG400-0TE0C
- 2*Cellular Antenna (3dBi)
- 1*MicroUSB Cable
- 1*RJ-45 Cable

Mechanic Drawing



Front View



Rear View



Top View

SKU Information

IDG400-0TE0C-00-yy: LTE Cat.4

'yy' is referred to the SKU code in the table

SKU Code	Country	Mobile Operator	LTE Band	WCDMA Band	GSM Band
U0	USA	AT&T, Verizon, T-Mobile	B2/B4/B5/B12/B13/B14/B66	B2/B4/B5	-

Note

- Specifications are subject to change without prior notice.

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